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Dated: October 1, 2004

Signature:

(Staci Harris)

Docket No.: HO-P02216US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Anna Orlefors et al.

Application No.: 09/869,554

Art Unit: 1634

Filed: December 23, 1999

Examiner: S. A. Sakelaris

For: METHOD FOR SEQUENCING DNA USING A
MICROFLUIDIC DEVICE

RCE AMENDMENT (37 C.F.R. SECTION 1.114)

MS RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

In response to the Office Action dated April 2, 2004, please amend the above-identified U.S. patent application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.